

Amendments to the Specification:

Please replace the paragraph beginning on page 14, line 5, with the following amended paragraph:

(2) Locating the terminal parts of the upward-spiraled furnace wall tubes 2a lower than the nose part C enables upright extended furnace walls 2b₂ being provided at the connection part between the spiral furnace wall tubes 2a and the screen tubes 7, the furnace wall tubes 2b₁ are connected with the header 6, and the header 6 is connected with the nose wall tubes 5a via the vertical tubes 5e₁ and 5e₂ so as to integrate the vertical tubes 5e₁ and 5e₂, the screen tubes 7, and the vertical furnace wall tubes 2b₁ and 2b₂ by being welded via the membrane bars 3, thereby supporting the weight of the furnace wall bottom part A.